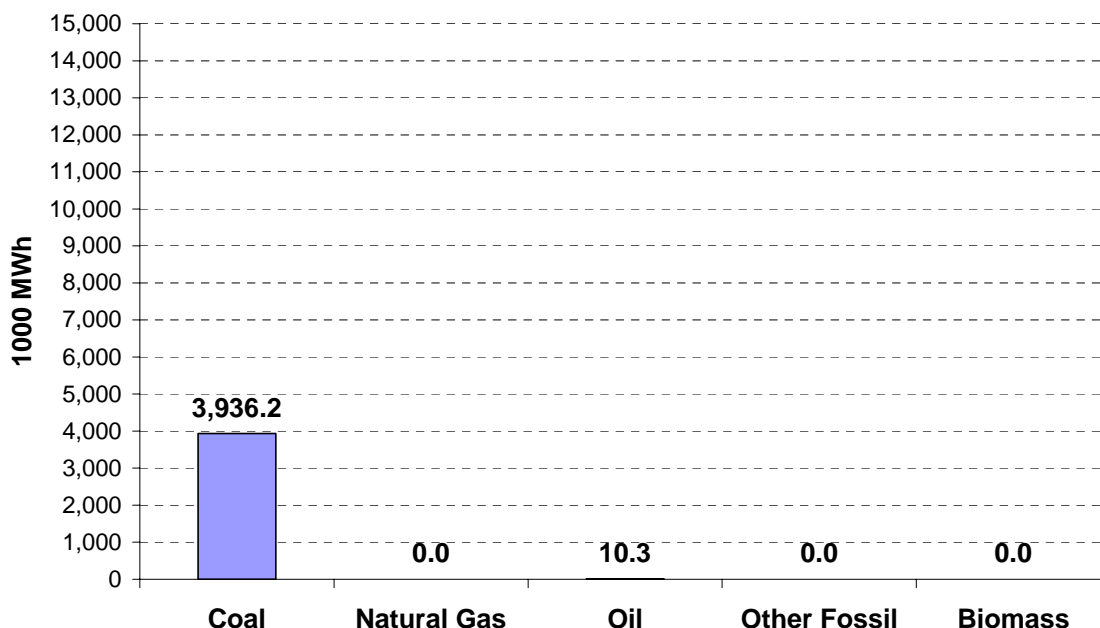




**Missouri
Department of
Natural Resources**

**Iatan Power Plant, Kansas City Power & Light Co -
Power generated in 2000 from fossil fuels & biomass**



Emissions of criteria pollutants, CO₂ and Mercury – 2000

		Total emitted	Output-based rate (units per MWh)	Input-based rate (units per mmBTU)
NO _x - Annual	(Tons)	6,056	3.069	0.29
NO _x – May 1 to Sept. 30	(Tons)	2,743	3.09	0.29
Sulfur dioxide (SO ₂)	(Tons)	13,430	6.81	0.65
Carbon Dioxide (CO ₂)	(Tons)	4,260,446	2,159	205.71
Mercury (HG ₃)	(Pounds)	162.843	0.0413	0.0039

Toxic Releases – 2001

Hazardous Air Pollutants	(Pounds)	170,680
Toxic releases – Land	(Pounds)	295,814

Data sources

- ◆ Data for hazardous air pollutants and toxic releases is taken from Missouri Department of Natural Resources (DNR) Toxic Release Inventory (TRI). For more information see:
U.S. Environmental Protection Agency (EPA) TRI home page – <http://www.epa.gov/tri/>
Missouri DNR TRI reports posted at <http://www.dnr.mo.gov/oac/bus.htm>
- ◆ Data for other emissions and generation is taken from EPA Office of Atmospheric Programs, eGRID (Emissions & Generation Resource Integrated Database) database, April 2003

Definitions

NO _x	Oxides of Nitrogen
MWh	Megawatthours (1000 kilowatthours)
mmBtu	Million British Thermal Units